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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(s): Hallapuro, et al.

SERIAL NO.: 09/943,241

ART UNIT: 9381

FILING DATE: 08/30/2001

EXAMINER: Lee, T.

TITLE: IMPLEMENTATION OF A TRANSFORM AND OF A  
SUBSEQUENT QUANTIZATION

ATTORNEY

DOCKET NO.: 810-010550-US (PAR)

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JUL 09 2003

Commissioner of Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Technology Center 2100

INFORMATION DISCLOSURE STATEMENT  
(37 C.F.R. §1.97(b)(3))

Sir:

This information disclosure statement is being filed before the mailing of a first Office Action on the merits.

The following information is being disclosed to the Patent and Trademark Office as information that may be material to the examination of the above-identified patent application. Applicants' Attorney is aware of the following references:

5,523,847

5,642,438

The BinDCT: Fast Multiplierless Approximation of the DCT

Copies of these references are enclosed together with a Form PTO-1449.

As specified in 37 C.F.R. 1.97(e)(1), each item of information contained in this information disclosure statement was first

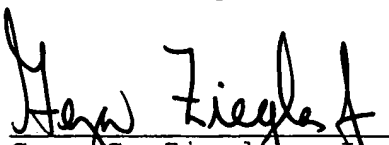
cited in any communication from the foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

The above-identified patent application has a corresponding PCT patent application No. PCT/IB02/03566. Applicant's attorney encloses a copy of an International Search Report issued for the corresponding PCT application. The Search Report cites several references, listed above, which were provided with the Search Report, and are being disclosed to the Patent and Trademark Office as information that may be material to the examination of the above-identified patent application.

The filing of this Statement is not to be construed as a representation that a search has been made regarding the claimed invention (37 C.F.R. §1.97(g)) or that no other possible material information exists. In addition, the filing of this Information Disclosure Statement is not to be construed to be an admission that the information cited in the Statement is, or is considered to be, material to patentability (37 C.F.R. §1.97(h)).

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,

  
\_\_\_\_\_  
Geza C. Ziegler, Jr.  
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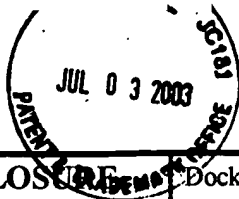


### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date indicated below as first class mail in an envelope address to the Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: July 1, 2003

Signature: *Passina Belenchia*  
Person Making Deposit



**INFORMATION DISCLOSURE  
CITATION FORM FOR  
PATENT APPLICATION  
(FORM PTO-1449)  
(Substitute)**

Docket No.: 810-010550-US (PAR)

Serial No.: 09/943,241

Applicant(s): Hallapuro, et al.

Filing Date: 08/30/2000

Group: 9381

**U.S. PATENTS**

Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date
	5,523,847	06/04/96	Feig et al.	358	261.3	10/09/92
	5,642,438	06/24/97	Babkin	382	250	03/17/95
<b>RECEIVED</b> JUL 09 2003 Technology Center 2100						

**U.S. PATENT PUBLICATIONS**

Initials	Publication No.	Pub. Date	Name	Class	Sub-class	Filing Date

**FOREIGN PATENT DOCUMENTS**

Initials	Document Number	Date	Country	Name	Translation? Yes/No/n/a

**OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)**

The BinDCT: Fast Multiplierless Approximation of the DCT, Trac D. Tran, IEEE Signal Processing Letters, Vol. 7, No. 6, June 2000, XP-002242220 (4 pages)

International Search Report

Examiner's Signature:

Date Considered:

Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered.  
Include a copy of this citation form with your next correspondence to the Applicant(s).

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